

12-10 Rec'd PCT/PTO 23 DEC 2005

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: December 21, 2005 Name: Carolyn Beason-Wright

Signature:

*Carolyn Beason-Wright*

BRINKS  
HOFFER  
GILSON  
& LIONE

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Johan Pieter de Wet et al.

Appln. No.: 10/549,767

Filed: September 9, 2005

For: EXTRACTION OF OXYGENATES FROM A  
HYDROCARBON STREAM

Attorney Docket No: 10690/014

Examiner: Unknown

Art Unit: Unknown

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**

- ☒ Information Disclosure Statement  
☒ Return Receipt Postcard

**Fee calculation:**

- ☒ No additional fee is required.  
☐ Small Entity.  
☐ An extension fee in an amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).  
☐ A petition or surcharge in an amount of \$\_\_\_\_\_ under 37 C.F.R. § 1.16(e).  
☐ An additional filing fee has been calculated as shown below:

|   |                                     |       |                                    |                  | Small Entity |           |    | Not a Small Entity |           |
|---|-------------------------------------|-------|------------------------------------|------------------|--------------|-----------|----|--------------------|-----------|
|   | Claims Remaining<br>After Amendment |       | Highest No.<br>Previously Paid For | Present<br>Extra | Rate         | Add'l Fee | or | Rate               | Add'l Fee |
| Total                                     |                                     | Minus |                                    |                  | x \$25=      |           |    | x \$50=            |           |
| Indep.                                    |                                     | Minus |                                    |                  | x 100=       |           |    | x \$200=           |           |
| First Presentation of Multiple Dep. Claim |                                     |       |                                    |                  | +\$180=      |           |    | +\$360=            |           |
|   |                                     |       |                                    |                  | Total        | \$        |    | Total              | \$        |

**Fee payment:**

- ☐ A check in the amount of \$\_\_\_\_\_ to cover the above-identified fee(s) is enclosed.  
☐ Please charge Deposit Account No. 23-1925 in the amount of \$\_\_\_\_\_. A copy of this Transmittal is enclosed for this purpose.  
☐ Payment by credit card in the amount of \$\_\_\_\_\_ (Form PTO-2038 is attached).  
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

*Lawrence A. Stewart*

Lawrence A. Stewart (Reg. No. 32,309)

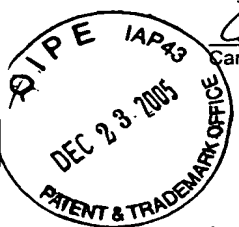
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Date

Certificate Under 37 CFR 1.8(a)

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on December 21, 2005

*Carolyn Beason-Wright*  
Carolyn Beason-Wright



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Art Unit: Unknown

**INFORMATION DISCLOSURE STATEMENT**

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, Applicant hereby cites the reference(s) listed on the enclosed Form PTO/SB/08A. A copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2) is also enclosed. Applicant respectfully requests the Examiner's consideration of the reference(s) and entry thereof into the record of this application.


By submitting this Statement, Applicant is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

BRINKS  
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Applicant has calculated no fee to be due upon filing this Statement. However, the Director is authorized to charge any fee deficiency associated with the filing of this Statement to a deposit account, as authorized in the accompanying Transmittal.

Respectfully submitted,

Dec. 21, 2005  
Date

  
\_\_\_\_\_  
Lawrence A. Steward (Reg. No. 32,309)

Please type a plus sign (+) inside this box → +

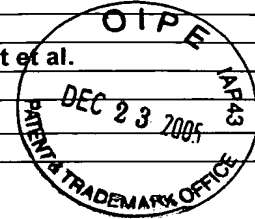
PTO/SB/08A (08-00)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|  |   |           |                             |                               |           |
|--|---|-----------|-----------------------------|-------------------------------|-----------|
| Substitute for form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |           | <b>Complete if Known</b>    |                               |           |
|  |   |           | <b>Application Number</b>   | 10/549,767                    |           |
|  |   |           | <b>Filing Date</b>          | September 9, 2005             |           |
|  |   |           | <b>First Named Inventor</b> | Johan Pieter de Wet et al.    |           |
|  |   |           | <b>Group Art Unit</b>       | Unknown                       |           |
|  |   |           | <b>Examiner Name</b>        | Unknown                       |           |
| <b>Sheet</b>   | 1 | <b>of</b> | 1                           | <b>Attorney Docket Number</b> | 10690/014 |



### U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
|                    |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
|                    | 1                     | 4,513,156            |                                   | Tabak   | 04/23/1985                                       |   |
|                    | 2                     | 4,603,225            |                                   | Colaianne et al.                                | 07/29/1986                                       |   |
|                    | 3                     | 4,686,317            |                                   | Quann et al.                                    | 08/11/1987                                       |   |
|                    | 4                     | 6,375,830            | B1                                | Clark et al.                                    | 04/23/2002                                       |   |
|                    | 5                     | 6,392,109            | B1                                | O'Rear et al.                                   | 05/21/2002                                       |   |
|                    | 6                     | 2002/0115732         | A1                                | Moore, Jr. et al.                               | 08/22/2002                                       |   |
|                    |                       |                      |                                   |   |  |   |

### FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document |                     |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|-------------------------|---------------------|-----------------------------------|---|--|---|----------------|
|                    |                       | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |   |  |   |                |
|                    | 7                     | DE                      | 199 11 910          | A1                                | Linde AG  | 09/21/2000                                       |   | Y              |
|                    | 8                     | WO                      | 00/14184            | A2                                | Exxon Research and Engineering Company          | 03/16/2000                                       |   |                |
|                    | 9                     | WO                      | 02/31085            | A2                                | Sasol Technology (Pty) Ltd.                     | 04/18/2002                                       |   |                |
|                    |                       |                         |                     |                                   |   |  |   |                |
|                    |                       |                         |                     |                                   |   |  |   |                |
|                    |                       |                         |                     |                                   |   |  |   |                |
|                    |                       |                         |                     |                                   |   |  |   |                |

|                           |                        |
|---------------------------|------------------------|
| <b>EXAMINER SIGNATURE</b> | <b>DATE CONSIDERED</b> |
|---------------------------|------------------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.